

TIMBER SPECIES INFORMATION SHEET

GLACIAL OAK *Quercus rubra/Quercus alba*



DESCRIPTION

Glacial Oak is the trade name for a distinctive American Red Oak hardwood variant sourced from Northern America. This sustainably sourced hardwood ensures a uniform look suitable for various timber applications and can be easily stained to match desired aesthetics, which is one of the reasons it is becoming increasingly popular around the world.

VISUAL FEATURES

A highly attractive timber, the sapwood of Glacial Oak ranges from white to light brown, with a pink to red-brown heartwood. It is a typically straight-grained wood with a coarse texture, although both colour and texture can vary dependent on the growing region. Offering excellent quality, performance and colour selection, Glacial Oak works relatively easily, machines well and takes nails and screws (though pre-boring is recommended).

COMMON APPLICATIONS

- Furniture & joinery
- Lining boards
- Benchtop & panels
- Windows & doors
- Flooring
- Custom mouldings

TECHNICAL INFORMATION

Glacial Oak is a dense and resilient hardwood, that machines smoothly and readily accepts paint, stain, oil, and polish with ease.

Density kg/m ³ dry	730	Durability in-ground	Class 4	Resistance to Split (Nailing)	Good
Specific Gravity	0.65	Durability above ground	Class 4	Resistance to Split (Screwing)	Good
Hardness (Janka) kN	6.0	Susceptible to Lyctid Borer	Susceptible	Gluing	Very Good
Modulus of Rupture MPa dry	87	Termite Resistant	Not Resistant	Machining	Very Good
Modulus of Elasticity GPa dry	13	Fire Hazard Group (AS5637)	3	Finish	Very Good
Radial Shrinkage %	2.8	Certification	PEFC Controlled	Stability	Very Good
Tangential Shrinkage %	6.6	BAL Rating	12.5 and 19	Growing Region	North America



AVAILABILITY

Available in Dowel sizes 43mm and 50mm . Dowel sizes in 40mm and 45mm are available made to order.